

Abstract of the Disclosure

An external noise intrusion prevention device preventing intrusion of external noise into a central conductor of a trunk cable in an up signal frequency band is provided. A first filter circuit 3 letting a signal in frequencies of 54 MHz or higher pass is provided between an input terminal 1 and an output terminal 2. A front filter circuit 4a and a rear filter circuit 4b, which constitute a second filter circuit 4, are provided on both ends of the external noise intrusion prevention device, respectively. A noise elimination circuit 6 formed by cascading two connection transformers 6a and 6b is also provided. The two connection transformers 6a and 6b are connected to each other while being arranged in a line symmetrical manner.